

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- **BLACK BORDERS**
- **TEXT CUT OFF AT TOP, BOTTOM OR SIDES**
- **FADED TEXT**
- **ILLEGIBLE TEXT**
- **SKEWED/SLANTED IMAGES**
- **COLORED PHOTOS**
- **BLACK OR VERY BLACK AND WHITE DARK PHOTOS**
- **GRAY SCALE DOCUMENTS**

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

## Nucleotide sequence and translation of human-C1D cDNA

CTT TCC GGG AGA CTG GAG TCG AAG GCC GTG AGT ATT TTC TAA GCC  
 AGT GTT TAG AGA GTA TGT GAG GCA AGA GTA CCT ATA GAA CCC GGA  
 GGA GGG TGA GGA GCA GAG CTG GCC ATA ATG GCA GGT GAA GAA ATT  
 M A G E E I  
 AAT GAA GAC TAT CCA GTA GAA ATT CAC GAG TAT TTG TCA GCG TTT  
 N E D Y P V E I H E Y L S A F  
 GAG AAT TCC ATT GGT GCT GTG GAT GAG ATG CTG AAG ACC ATG ATG  
 E N S I G A V D E M L K T M M  
 TCT GTT TCT AGA AAT GAG TTG TTG CAG AAG TTG GAT CCA CTT GAA  
 S V S R N E L L Q K L D P L E  
 CAA GCA AAA GTG GAT TTG GTT TCT GCA TAC ACA TTA AAT TCA ATG  
 Q A K V D L V S A Y T L N S M  
 TTT TGG GTT TAT TTG GCA ACC CAA GGA GTT AAT CCT AAG GAA CAT  
 F W V Y L A T Q G V N P K E H  
 CCA GTA AAA CAG GAA TTG GAA AGA ATC AGA GTA TAT ATG AAC AGA  
 P V K Q E L E R I R V Y M N R  
 GTC AAG GAA ATA ACA GAC AAG AAA AAG GCT GGC AAG CTG GAC AGA  
 V K E I T D K K K A G K L D R  
 GGT GCA GCT TCA AGA TTT GTA AAA AAT GCC CTC TGG GAA CCA AAA  
 G A A S R F V K N A L W E P K  
 TCG AAA AAT GCA TCA AAA GTT GCC AAT AAA GGA AAA AGT AAA AGT  
 S K N A S K V A N K G K S K S  
 TAA CTT TTT GGT TTT GAT GTA CAC ATA TTC AAA AAG TAC ATT AAT  
 ATG TAA TCA CAG TAA TAT GTA AAG CTA AAT ACT TCC TCT CCA AAG  
 ATC ATT TAT CTT TAT TGA TTA GCA CTG AGG ATT TTA ACA TTG TGA  
 TAT ATT ATA TAT TTA TAA TTT ACC ATC TCT TGA TGA GAC TCT TAT  
 TTC TTT ATA TAG GTC AGT CTT GCA AGT ACC ATT TTA TAA GCA GCT  
 GTG AAA TTT AAG TGA AAT GTT CTT TGT AAA CAT TTG TAC TAT TTT  
 AAA TGA ATA ATG ACC TTA TGA AGT ATG CTA TCT GTA GGC TGA AAT  
 TAT AGG TAC ATC TGT TTT CAC TAT ATG ATA TTA AGA AAG CGT GAA  
 ATG ACT TAA ATG TTC ATT TTT TTC TGT ATA GAT ACT TTA TCA TGT  
 TTT CAT GAT TTT AGG AAT TAC TGC TTT GTT GAT ATT CAA AGT GTG  
 AAA CTA AAA GTT TAT GGT TGT ACT TTA ATT CTT GGC ATG TTG CCT  
 CTA TGT CCC ATT TAA AAT AAA ATA CAT TCT CAT TAA CTT TAG ATG  
 GGA AAT AAG GTT GTA TGT TGA TGG ATG AAT TTT GGC ATG ATG ACT  
 GTA CTC TCA ATA AAG GCT GAA AAT GTT GTA AAA ..... .

Fig. 1

09/701618

2/4

Nucleotide sequence and translation of mouse-C1D cDNA

CA  
GAA GCC GTG TCA TGG CGT CAT CAT CGT GCG ACC TAT TTC CCG GAG  
ACA GGC GTC CAC GGT ATT GAG TTG GTC ACA ATG GCA GGT GAA GAA  
M A G E E  
ATG AAT GAA GAT TAT CCC GTA GAA ATT CAC GAG TCT TTA ACA GCC  
M N E D Y P V E I H E S L T A  
CTG GAG AGC TCC CTG GGT CCT GTG GAC GAC ATG CTG AAG ACC ATG  
L E S S L G A V D D M L K T M  
ATG GCT GTT TCT AGA AAC GAG TTG TTG CAG AAG TTG GAC CCA TTG  
M A V S R N E L L Q K L D P L  
GAA CAA GCA AAG GTG GAT TTA GTT TCT GCA TAC ACC TTA AAT TCA  
E Q A K V D L V S A Y T L N S  
ATG TTT TGG GTT TAT TTG GCA ACT CAA GGA GTT AAT CCC AAA GAG  
M F W V Y L A T Q G V N P K E  
CAT CCA GTG AAG CAG GAA CTG GAA AGA ATC AGA GTC TAC ATG AAC  
H P V K Q E L E R I R V Y M N  
AGA GTT AAA GAA ATA ACA GAC AAG AAG GCT GCC AAG CTG GAC  
R V K E I T D K K K A A K L D  
AGA GGT GCT GCT TCG AGA TTT GTC AAG AAG GCA CTC TGG GAA CCC  
R G A A S R F V K K A L W E P  
AAA CGA AAA AGC ACA CCA AAA GTG GCT AAT AAA GGG AAA AGC AAA  
K R K S T P K V A N K G K S K  
CAC TAA TCT TTT GGT TTT GAT GTA CAT GTT TTC AAA AAG TAC ATC  
H  
CTT TTT AAT CAG TTT ACA ATG TAG TTA TGT GAC CAT GTG GTG TTT  
AAA TGG ATT CCT TTT GGA ATT CAT GTA TAA ATT TAC ACA TTA CAT  
TTG TGA TAC TGA ATC TTT TTT TTG CTG AGA AAG ATT AAG TTG TCT  
TTG TTG ATT TTC ATA TAA AGC ATC ATG ATG TGT TTA ATA TTG TAA  
GAT ATT CTA TAA GCA GTT GTG AAA TCC AAA TGT TCT CTG TAA ACA  
TTT GTA GTG TTT GAA ATG AAC AAT GAT ATT ATG AAG TGT GCT ATC  
TGT AGA CCT CGA GGT GTA AGG ACA TTT GTT TTC AGT AAT GAT GAG  
AAA TAC AGT GAC TTA AAT ACC CAC TCT GTT TCT GTT CAG TTA GTT  
CAA CAT GTT TCG TGA TTT TTT TTT TTT GAG TAA TTC TGT CTT  
GAT ATT CAA AGT CAA AAT TGA AAC CTT AAG GCT GTA CTT TAA TTC  
TTC ATG TTC CAT TTA AAA TAA AAT GTT CTC ATT AAC TCT GAT GGA  
AAA . . . . .

Fig. 2

09/701618

3/4

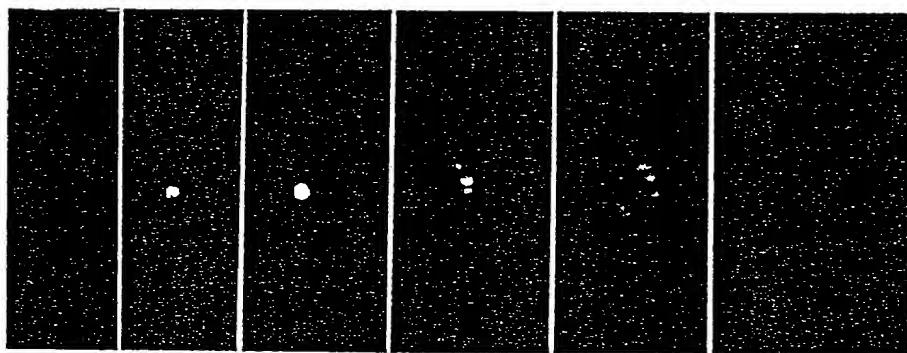


Fig. 3

09/701618

4/4

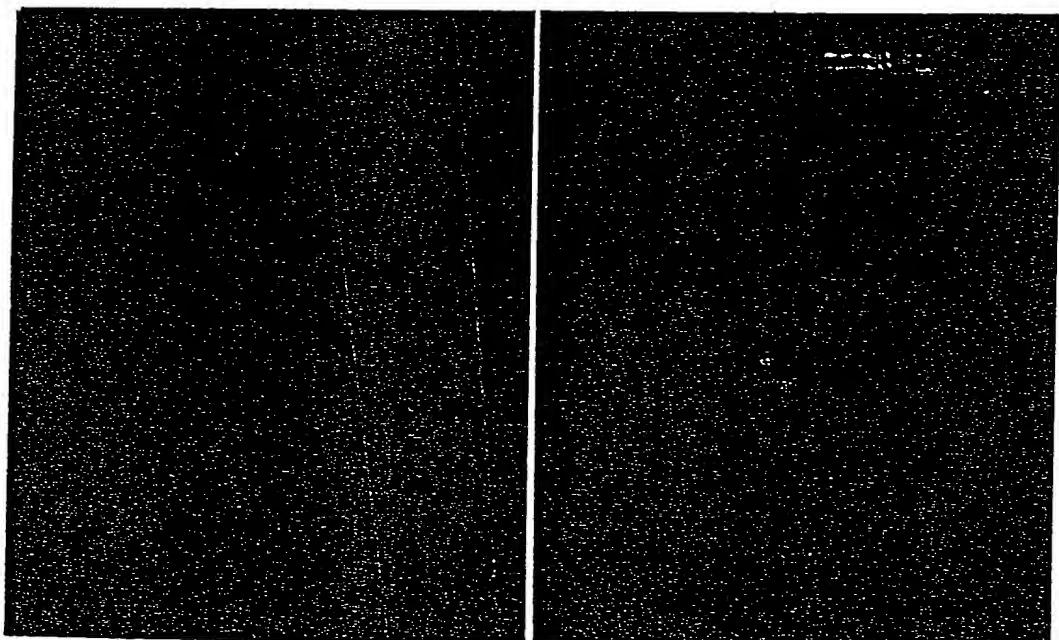
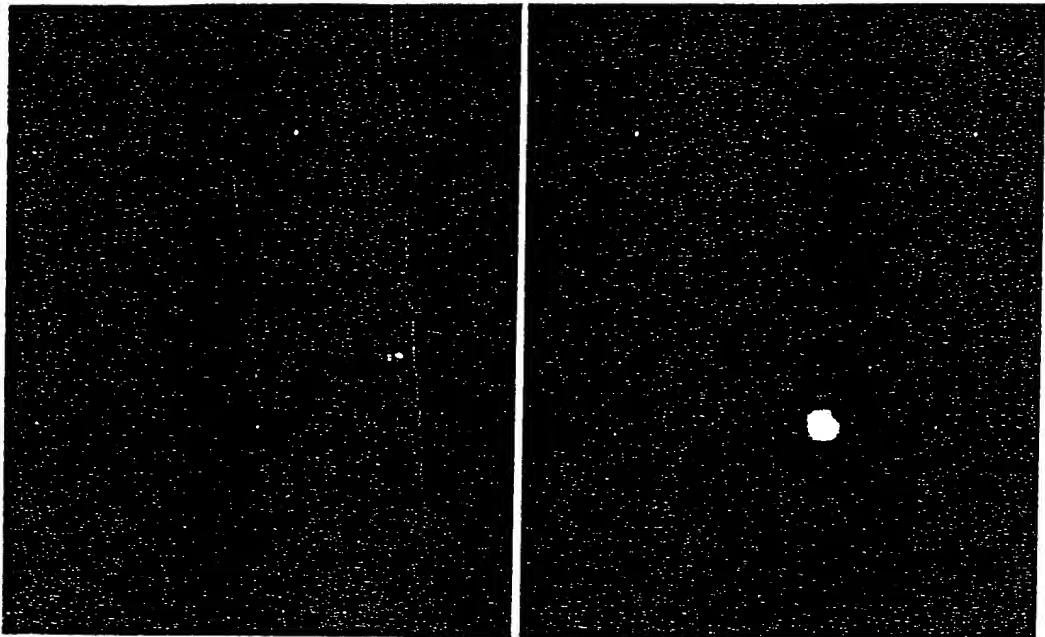


Fig. 4